

Job Name: 25-4694 - 314 Old Nashville Hwy

Job Location: La Vergne, TN

Contractor: Hayes Pipe Supply

Plant: 100

7/10/2026 10:41:33 AM

Tech: Jared - A

PC: E. Bradley

Structure ID: 4 (5)

P2 MH048MTVF

MH MONOTOP W/ MCS-288 CAST IN, Custom Ht F/G

P3) 24" - CASTING (cast in) - 4"

P2) 48" - MH MONOTOP W/ MCS-288 CAST IN, Custom Ht F/G - 24"

P1) 48" - MH BASE T/n - 30"

1) This Structure Includes a Cast-in Item - MCS-288 Frame (Supplied by Others)

1) 48" - Conseal CS-102 1.00"

1) Hole - 24

1) Hole - 8

4) Weir n/n - 30"x6"

0 lb

2038 lb

3208 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 5246 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):

- TOP: #4 BAR @ 10" C.C. E.W. (GRADE 60)

- WALLS: PER ASTM A615

4. NO STEPS

5. HOE MCS-288 FRAME & COVER "STORM" SUPPLIED BY OTHERS - FRAME TO BE CAST INTO TOP OF MONOTOP FLANGE SIDE UP

6. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AS SHOWN

7. TOP SURFACE TO RECEIVE LIGHT BRUSH FINISH

Rim: 613.5' Rim to Invert: 4.5' Slack: 0" Sump: 0" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3	612.5'	0°	0"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	7.75"	0"
Invert 4	612.5'	90°	45.5"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	7.75"	0"
Invert 5	612.5'	180°	91.125"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	7.75"	0"
Invert 6	612.5'	270°	136.625"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	7.75"	0"
Invert 7										
Invert 8										

PLAN VIEW (RIGHT SIDE UP)

FRONT VIEW (RIGHT SIDE UP)

Coating (Int):

Coating (Ext):

Seam Up: n/a

Seam Dn: Groove

Wall Thickness: 5"

Top Height: 6"

Height (Int): 18"

Height (Ext): 24"

Weight (Net): 2038 lb

Volume (Net): 0.52cu.yd

Job Number:

25-4964

Job Name:

314 Old Nashville Hwy

Structure:

4 (5)

Note:

HOE MCS-288 Frame Supplied By
Others To Be Cast Into Flat Lid
Flange Side Up